| Index | of Claims |  |
|-------|-----------|--|
|       |           |  |

| Application No. | Applicant(s)    |  |
|-----------------|-----------------|--|
| 09/495,899      | HIROYUKI SUZUKI |  |
| Examiner        | Art Unit        |  |
| Tia A Carter    | 2626            |  |

| √ | Rejected | _ |
|---|----------|---|
| = | Allowed  | ÷ |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
|---|----------|
| o | Objected |

| Claim             |                 |               |              |          | ate      | <b>.</b> |          |          |   |   | Cli   | aim      |  | ,                      |          | D            | ate          |         |         |         |          |     | CI          | aim        |                 |         |          |  | Dat      | е            |           |   |          |
|-------------------|-----------------|---------------|--------------|----------|----------|----------|----------|----------|---|---|-------|----------|--|------------------------|----------|--------------|--------------|---------|---------|---------|----------|-----|-------------|------------|-----------------|---------|----------|--|----------|--------------|-----------|---|----------|
| _ <u>a</u>        | 4               |               |              |          |          |          |          |          |   |   | _     | <u> </u> |  |                        |          |              |              | 1       |         |         |          |     | _           | ia i       |                 |         |          |  |          |              |           |   |          |
| Final<br>Original | 11/12/04        |               |              |          |          |          |          |          |   |   | Final | Original |  |                        |          |              |              |         |         |         |          |     | Final       | Original   |                 | -       |          |  |          |              |           |   |          |
| 1                 | 1               |               | +            | -        | $\dashv$ |          |          |          |   |   |       | 51       | ┢  | $\vdash$               | $\dashv$ | _            | +            | +       | +       | +       | $\dashv$ |     |             | 101        | _               |         |          |  | -        |              | Н         |   | _        |
| 2                 | V               |               | $\dashv$     | _        |          | _        | $\dashv$ |          |   |   |       | 52       | $\vdash$   | H                      | 1        |              | $\dashv$     | +       | +       | -       | -        |     |             | 102        |                 |         | $\vdash$ |  |          | i            |           |   | -        |
| 3                 | 1               |               | 十            | _        | -        |          | $\dashv$ |          |   |   |       | 53       |  | $\vdash$               |          |              | +            | +       | +-      | ╁       | $\dashv$ |     |             | 103        | $\vdash$        |         |          |  |          |              | Н         |   |          |
| 4                 | V               | -             | ┪            | 1        | `        |          | $\neg$   |          |   |   |       | 54       |  |                        |          | 1            | _            | +       | +       | +       | 1        |     |             | 104        |                 | _       | H        | ┢╌   |          |              | $\vdash$  |   | $\vdash$ |
| 5                 | V               |               | 1            |          |          |          | $\neg$   |          |   |   |       | 55       | 1  |                        | _        | _            | $\dashv$     | $\top$  | $\top$  | +-      | 1        |     |             | 105        |                 |         |          | <del>                                     </del> |          |              |           | _ | $\vdash$ |
| 6                 | 0               |               | 7            |          |          |          |          |          |   |   |       | 56       | 1-   | П                      | ╗        | 7            | $\neg$       | ┪       | +       | T       | 1        |     |             | 106        |                 |         |          |  |          |              | П         |   | $\vdash$ |
| 7                 | 1               |               | T            |          |          |          |          |          |   |   |       | 57       |  | П                      |          |              | T            |         |         |         | 7        |     |             | 107        | Ι.              |         |          |  |          |              |           |   | $\vdash$ |
| 8                 | 1               |               |              |          |          |          |          |          |   |   |       | 58       |  |                        |          |              |              |         |         |         |          |     |             | 108        |                 |         |          |  |          |              |           |   |          |
| 9                 | √               |               |              |          |          |          |          |          |   |   |       | 59       |  |                        |          |              |              |         |         |         |          | [   |             | 109        |                 |         |          |  |          |              |           |   |          |
| . 10              | 1               |               |              |          |          |          |          |          |   |   |       | 60       |  |                        |          |              | $\perp$      |         |         |         |          |     |             | 110        |                 |         |          |  |          |              |           |   |          |
| 11                | <b>√</b>        | $\sqcup$      | 4            | _        |          |          | _        |          |   |   |       | 61       | <u> </u>   | Ш                      | _        | _[           |              | $\perp$ | $\perp$ |         | _        |     |             | 111        |                 |         | Ĺ        |  |          |              |           |   |          |
| 12                | 1               | $\sqcup \bot$ | 4            |          |          | $\dashv$ |          |          |   |   |       | 62       |  | $\sqcup$               |          | _            | $\perp$      |         | $\perp$ | $\perp$ | 4        | 1   |             | 112        |                 | <u></u> | L        | <u> </u>   | _        |              | Ш         |   | L.       |
| 13                | 1               |               | -            | _        | -        |          |          |          |   |   |       | 63       | <u> </u>   | $\sqcup$               | _        | $\downarrow$ | $\perp$      | _ .     |         | $\perp$ | 4        | -   |             | 113        | _               |         | <u> </u> | <u> </u>   |          | <u> </u>     | Ш         |   |          |
| 14<br>15          | 1               | $\vdash$      | +            | $\dashv$ |          |          |          |          |   |   |       | 64       | <u> </u>   | Н                      | _        | 4            | +            | +       |         | +       | 4        | 1   |             | 114        | ļ               |         | _        | _  | <u> </u> | <u> </u>     |           |   |          |
| 16                | 1               |               |              | $\dashv$ | $\dashv$ |          |          |          |   |   |       | 65       |  | $\vdash$               | -        | +            |              | +       | +       |         | -        | -   |             | 115        | _               |         |          |  | <u> </u> | <u> </u>     | _         |   |          |
| 17                | 1               | -+-           | -            | $\dashv$ | $\dashv$ |          |          |          |   |   | _     | 66<br>67 | <del> </del>                                     | $\vdash$               | $\dashv$ | $\dashv$     |              | +       | +       | +       | -        | ŀ   |             | 116<br>117 | -               |         | ļ        | H  | <u> </u> | <u> </u>     |           |   | <u> </u> |
| 18                | ŏ               | -             |              | $\dashv$ | $\dashv$ | $\dashv$ |          |          |   |   |       | 68       | -  | $\vdash$               | $\dashv$ | +            |              | +       | +       | +-      |          | }   |             | 117        |                 |         |          |  | ┝        | ļ            | -         | _ | _        |
| 19                | 1               | -             | +            | -        | -+       | $\dashv$ |          |          | - |   |       | 69       |  | $\vdash$               | $\dashv$ |              |              | +       | +       | +       | -        | ŀ   |             | 119        | -               |         |          | <del> </del>                                     |          | ⊢            |           |   |          |
| 20                | Ė               | $\pm$         |              | $\dashv$ | -+       | $\dashv$ |          |          |   |   |       | 70       | <del>                                     </del> | H                      | $\dashv$ |              | _            | +       | +       | ╁       | -        | H   |             | 120        | -               |         | _        | -  |          | _            | H         |   |          |
| 21                |                 | -             |              | $\dashv$ | $\dashv$ | $\dashv$ | _        |          |   |   |       | 71       | ╁╾   | H                      | $\dashv$ |              |              | +       | +       | +       | -        |     |             | 121        |                 |         |          | <u> </u>   | $\vdash$ | <del> </del> | $\vdash$  |   |          |
| 22                | H               |               |              | _        |          | $\dashv$ | -        |          |   |   |       | 72       | -  | $\vdash$               | -        |              | +            |         | +       | +-      | $\dashv$ | ŀ   |             | 122        |                 |         |          |  | -        |              |           |   |          |
| 23                | _               |               | 7            |          |          | 寸        | $\dashv$ |          |   |   |       | 73       | $\vdash$   |                        | $\dashv$ |              | $\dashv$     | +       | +       | +       | 1        | t   |             | 123        |                 |         | -        |  |          | _            |           |   |          |
| 24                |                 |               |              | T        |          | $\neg$   | $\neg$   |          |   |   |       | 74       | T  | H                      |          |              | +            | $\top$  | $\top$  | +       | 1        | ŀ   |             | 124        |                 | -       |          |  |          |              |           |   |          |
| 25                |                 |               | T            |          | $\neg$   |          |          |          |   |   |       | 75       |  |                        |          |              |              |         |         | 1       |          |     |             | 125        |                 |         | _        |  |          |              |           |   |          |
| 26                |                 |               |              |          |          |          |          |          |   |   |       | 76       |  |                        |          |              |              |         | T       |         |          |     |             | 126        |                 |         |          |  |          |              |           |   |          |
| 27                |                 |               |              |          |          |          |          |          |   |   |       | 77       |  |                        |          |              |              |         |         |         |          |     |             | 127        |                 |         |          |  |          |              |           | _ |          |
| 28                |                 |               |              |          |          |          |          |          |   |   |       | 78       |  |                        |          |              |              |         |         |         |          |     |             | 128        |                 |         |          |  |          |              |           |   |          |
| 29                |                 |               | _            | _        |          |          |          | i        |   |   |       | 79       |  |                        |          |              |              |         | $\perp$ | $\perp$ |          |     |             | 129        |                 |         |          |  |          |              |           |   |          |
| 30                |                 |               | _            | $\dashv$ | _        | _        | _        |          |   |   |       | 80       |  | Ш                      |          |              |              | ┸       |         |         | _        |     |             | 130        |                 |         |          |  |          |              |           |   |          |
| 31                | _               |               | 4            | _        | _        | _        | -        | _        |   |   |       | 81       |  |                        |          | 1            |              | _       |         | $\perp$ | _        |     |             | 131        |                 |         |          |  |          |              |           |   |          |
| 32                |                 |               | -            | -1       |          | -        | _        | $\dashv$ |   |   |       | 82       | ļ  |                        |          | $\perp$      | $\perp$      | 4       |         | $\bot$  | _        |     |             | 132        |                 |         |          | _  |          |              |           |   |          |
| 33                | $\vdash \vdash$ |               | +            | $\dashv$ |          |          |          |          |   |   |       | 83       | <b> </b> -                                       |                        | 4        | $\downarrow$ | 4            | - -     | . ļ     | $\perp$ | 4        |     |             | 133        | Ш               |         |          | ļ  |          | ldash        | <b>  </b> |   |          |
| 34<br>35          | $\vdash$        | +             | +            | $\dashv$ | $\dashv$ | $\dashv$ |          |          |   |   |       | 84       | <u> </u>   | $\vdash$               | +        | +            | +            |         | +       | +       | -        | -   |             | 134        | <b>  </b>       |         |          | <u> </u>   | _        |              | $\vdash$  |   |          |
| 36                | -               | $\dashv$      | +            | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | - |   |       | 85       | <b></b>  | $\vdash$               | +        | +            | +            |         |         | +       | -        | 1   |             | 135        |                 |         |          | <u> </u>   | <u> </u> | $\vdash$     | $\vdash$  |   | _        |
| 37                | $\vdash$        | $\dashv$      | +            | -+       | $\dashv$ | $\dashv$ |          | $\dashv$ |   |   |       | 86<br>87 | -  |                        | $\dashv$ | +            | +            | +       |         | +-      | - :      | 1   |             | 136<br>137 | $\vdash$        |         |          | $\vdash$   | H        |              | $\vdash$  |   | _        |
| 38                |                 | $\dashv$      | +            | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ |   |   |       | 88       |  | $\vdash$               | +        | +            | +            | +       | +       | +-      | -        | 1   |             | 137        | $\vdash \vdash$ |         |          |  |          |              | $\vdash$  |   |          |
| 39                | H               | -+            | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$ |          |          |   |   |       | 89       |  | $\vdash$               | $\dashv$ | +            | +            | +       | +       | +       | -        | 1   |             | 139        | $\vdash$        |         |          |  | -        |              | $\vdash$  |   |          |
| 40                | $\vdash$        | +             | $\dashv$     | _        | $\dashv$ | +        | 一十       |          |   |   |       | 90       |  | $\vdash$               | $\dashv$ | +            | +            |         | +       | +       | -        | 1   |             | 140        | $\vdash$        |         |          |  | -        |              |           |   | _        |
| 41                | H               | +             | $\top$       | $\dashv$ | 7        | +        | _        | $\dashv$ |   |   |       | 91       | $\vdash$   | $\vdash \vdash$        | $\dashv$ | +            | +            | +       | +       | +       | 1::      | 1   | -           | 141        | $\vdash \dashv$ |         | -        | -  |          |              | $\vdash$  |   | -        |
| . 42              | П               |               | $\top$       | T        | T        |          |          |          |   |   |       | 92       | T  | $\vdash \vdash \vdash$ | $\top$   | +            | +            | $\top$  | +       | +       | 1        | 1   |             | 142        | $\vdash$        |         |          |  |          |              | $\dashv$  |   | -        |
| 43                |                 |               | _            |          |          |          |          |          | - |   |       | 93       |  |                        |          | $\top$       | $\top$       | $\top$  | $\top$  | $\top$  | 1        | ı   | $\neg \neg$ | 143        |                 |         |          |  |          |              |           |   |          |
| 44                |                 |               |              |          |          | J        |          | [        |   |   |       | 94       |  |                        | $\top$   | $\top$       | $\top$       | $\top$  | $\top$  | 1       | 7        |     |             | 144        |                 |         |          |  |          |              |           |   |          |
| 45                |                 | $\perp$       | floor        |          |          |          |          |          |   |   |       | 95       |  |                        |          |              | $\top$       | 1       | 1       | 1       | 7        |     | $\neg \neg$ | 145        |                 |         |          |  |          |              |           |   |          |
| 46                |                 | $_{\perp}$    | Ι            |          |          |          |          |          |   |   |       | 96       |  |                        |          |              |              | _ -     |         |         | ]        | ľ   |             | 146        |                 |         |          |  |          |              |           |   |          |
| 47                | Ш               |               | _[           |          | $\Box$   |          |          |          |   |   |       | 97       |  |                        |          |              |              |         |         |         | ]        |     | $\neg \neg$ | 147        |                 |         |          |  |          |              |           |   |          |
| 48                | Ш               |               | 1            |          | $\Box$   |          |          | _        |   | [ |       | 98       |  | $\Box$                 |          |              |              | Ι       | Τ       | Τ       | ]        |     |             | 148        |                 |         |          |  |          |              |           |   |          |
| 49                | $\sqcup$        |               | $\downarrow$ | _        |          |          |          |          |   |   |       | 99       |  |                        |          |              | $oxed{oxed}$ | $\perp$ | Ι       |         | ]::      | ijΓ |             | 149        |                 |         |          |  |          |              |           |   |          |
| 50                |                 |               |              |          |          |          |          |          |   |   |       | 100      |  |                        |          |              |              | - [     |         |         |          | ſ   |             | 150        |                 |         |          |  | i        |              |           |   |          |